

REMARKS

Favorable reconsideration of this application is respectfully requested.

Claims 1-10 are pending in this application. Claims 1-10 were rejected under 35 U.S.C. § 102(e) as anticipated by U.S. Patent Application Publication No. 2005/0028208 to Ellis et al. (herein "Ellis"). That rejection is traversed by the present response as discussed next.

Independent claim 1 is hereby amended to clarify certain features therein.

Independent claim 1 now particularly clarifies features of:

a personal computer configured to directly access the recording apparatus to set recording of a program by the recording apparatus by accessing a remote program information providing server through the internet based on a user request to access the remote program information providing server[.]

Independent claim 1 now clarifies that the control means includes a transmission means that receives code information from the conversion means and that transmits the code information "directly" to the recording apparatus under control of the control means. The other independent claims are similarly amended as in independent claim 1.

The claimed features are believed to be clear for example from Figure 1 in the present specification. As shown therein an information processing system includes a personal computer 5 that can access a recording apparatus 12 to set recording of a program by the recording apparatus by accessing a remote program information providing server 8 through the Internet based on a user request to access the remote program information providing server 8. Further, an information processing apparatus of a phone 1 or PDA 2 can access a remote program information providing server 8 through the Internet, without accessing the personal computer 5 or the recording apparatus 12. That is, that phone 1 and PDA 2 do not need to use the personal computer 5 or recording apparatus 12 as an intermediary for accessing a remote program information providing server 8 through the Internet.

Further, as clear for example from Figure 1 in the present specification the phone 1 or PDA 2 can directly transmit converted code information for setting a program recording to the recording apparatus 12.

The claims as written are believed to clearly distinguish over the applied art to Ellis.

The claims are directed to an information processing system that can make it easier to program a recording device. With respect to Figure 1 in the present specification as a non-limiting example, an information processing apparatus such as a computer 5, cell phone 1, or PDA 2 can operate to program a VCR 12 so that the VCR 12 records a specific program at a specific time. Such information processing apparatuses 1, 2, 5 can themselves, under a user control, access a server, such as server 8, which stores an electronic program guide (EPG). Such information processing apparatuses 1, 2, 5 under a user control can access the EPG on the server 8 through the internet and download information of a program desired to be recorded, which information can then be directly provided to a remote recording device 12 so that the recording device can perform the recording. Such an operation provides an enhanced and simplified way for a user of the information processing apparatuses 1, 2, 5 to select a program to be recorded and to have the recording device 12 record the selected program.

According to features in the claimed invention a personal computer 5 can access a remote program information providing service through the internet, based on the user request, to access a remote program information providing server 8, and can thereby select a program to be recorded and to have a recording device 12 record the selected program.

According to other features in the claimed invention, an information processing apparatus of a mobile phone or PDA itself acquires, without needing an intermediary of the personal computer or recording apparatus, through the internet and under a user control, the control information for controlling recording of a program from a remote program information providing apparatus, converts that information into code information, and

directly transmits the code information to the remote recording apparatus. Further, that remote recording device 12 confirms whether the information from the information processing apparatus properly sets a program preset recording and displays whether the program preset recording is proper or improper.

Ellis discloses an interactive television program guide with remote access, and more particularly appears to utilize a dedicated remote program guide access device 24 to access a program guide distribution equipment 21.

Applicants initially note one grounds for the outstanding rejection relies on Ellis to meet the limitations of the claimed “personal computer” by the server 80 shown for example in Figure 31 in Ellis. In that respect that element 80 shown in Figure 31 in Ellis is a centralized server for each of different user Television Equipment 1-3 (81-83) that may be distributed throughout a house. Such a noted server 80 in Ellis does not, however, operate:

. . . to set recording of a program by the recording apparatus by  
accessing a remote program information providing server  
through the internet based on a user request to access the  
remote program information providing server.

Thereby, Ellis does not disclose or suggest the clarified features directed to the “personal computer” as now recited in each of the independent claims.

Applicants further submit Ellis does not disclose or suggest control means including a transmission device that can transmit code information *directly* to a recording apparatus. Again with reference to Figure 1 in the present specification as a non-limiting example, each of a phone 1 and PDA 2, which can access a remote program information providing server 8 through the internet, without accessing the personal computer 5 or the recording apparatus 12, can *directly* transmit inverted code information for programming the recording apparatus to the recording apparatus.

In addressing the features of the control means the outstanding Office Action specifically cites paragraph [0092] of Ellis at which Ellis notes that the remote program guide access device 24 may be a personal computer, PDA, or other suitable computing device.<sup>1</sup>

However, applicants note for example as shown Figures 2A-2D in Ellis, Ellis does not disclose or suggest that the noted remote program guide access device 24 can both directly access a remote program information providing server through the internet and directly transmit code information for setting a recording on a recording apparatus directly to the recording apparatus. In each instance Ellis discloses the remote program guide access device 24 must operate either through a user television equipment 22 or a television distribution facility 16. In contrast to Ellis, and again with reference to Figure 1 in the present specification as a non-limiting example, the phone 1 or PDA 2 can access the remote program information providing server 8 through the internet *directly*, and can also *directly* transmit recording information directly to the recording apparatus 12. The remote program guide access device 24 cited in Ellis cannot perform both such direct functions. Thereby, Ellis does not disclose or suggest the further above-noted features clarified in the claims as currently written.

In view of the present response applicants respectfully submit each of the claims as currently written positively recites features neither taught nor suggested by Ellis, and thus the claims are allowable over Ellis.

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<sup>1</sup> Office Action of February 5, 2009, page 1, prenumbered paragraph 1.

As no other issues are pending in this application, it is respectfully submitted that the present application is now in condition for allowance, and it is hereby respectfully requested that this case be passed to issue.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



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Bradley D. Lytle  
Attorney of Record  
Registration No. 40,073

Surinder Sachar  
Registration No. 34,423

Customer Number

**22850**

Tel: (703) 413-3000  
Fax: (703) 413-2220  
(OSMMN 06/04)

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